

The Position

The Department of Chemistry and Biochemistry at Samford University is seeking someone with a background in biochemistry to fill a full-time (nine-month) tenure-track position at the Assistant Professor level. A Ph.D. is required for this position; postdoctoral and/or teaching experience is desirable. Primary teaching responsibilities will be in biochemistry, with additional duties in organic chemistry or general chemistry. The normal teaching load in our department is twelve contact hours per week during both the fall and spring semesters. This load is usually met by teaching two lecture sections and two lab sections per week, each section meeting three hours per week. Class sizes during the fall and spring semesters are limited to 60 students per lecture section. Opportunities also exist to teach during the summer and a January term for additional compensation. The department is actively growing its undergraduate research program, and the successful applicant will be expected to develop an active research program involving undergraduates. Start-up funds are available. For more specialized work, collaborative opportunities with researchers at the University of Alabama at Birmingham and Southern Research Institute (also in Birmingham) are also available. After a year or two, the candidate will be expected to begin sharing in committee work and other service activities.

Applicants should submit to chemsrch@samford.edu the following: a curriculum vitae, a statement of teaching philosophy, a statement of research plans involving undergraduates, undergraduate and graduate transcripts (unofficial copies will suffice), and names and contact information for three references. Evaluation of applications will begin October 19 and will continue until the position is filled. *Candidates should be willing to contribute to and promote the school's mission as a Christian university. Samford University is an equal opportunity institution and welcomes applications for employment and educational programs from all individuals regardless of race, color, gender, age, disability, or national or ethnic origin.*

The Department

The Department of Chemistry and Biochemistry at Samford University offers B.S. degrees in both chemistry and biochemistry. The successful candidate will become the seventh full-time faculty member in this department. The department currently advises 30-35 chemistry and biochemistry majors and is vigorously attempting to expand the research opportunities available to them. This is presently being achieved by (1) offering students summer research stipends through the Samford Summer Undergraduate Research Program (SURP) and (2) attracting external grant support for student research projects and new instrumentation.

The Facilities

The Department of Chemistry and Biochemistry, together with the Department of Biological and Environmental Sciences and the Department of Physics, resides in the 100,000-sq-ft William Self Propst Hall. In this facility, the Department occupies five teaching labs, a chemical instrumentation room, four research labs, three prep rooms, a stockroom, a student lounge, two classrooms, a cold room, and nine faculty offices. Some of the major instrumentation and equipment within the Department includes:

- ThermoElectron LCQ Deca XP MAX LC-MS
- Finnegan MAT GCQ gas chromatograph-mass spectrometer (GC-MS)
- Cary 50 Bio UV-vis spectrophotometer
- Cary Eclipse fluorescence spectrophotometer
- Perkin-Elmer Paragon 1000PC FT-IR spectrophotometer
- Anasazi Instruments EFT-60 NMR spectrometer
- Buck Scientific Accusys 211 atomic absorption spectrophotometer with a 220-GF

- graphite furnace and Model 1018 Hydride/Cold Vapor Generator
- Buck Scientific Model 310 gas chromatographs (4)
- Varian 2510 gradient HPLC with UV detector
- CH Instruments Model 620A (CHI620A) electrochemical workstation
- Labconco Protector Glove Box

Additionally, chemistry and biochemistry faculty have access to a JOEL Model JSM - 5610 LV scanning electron microscope for research purposes, which is housed in the Department of Biological and Environmental Sciences.

The College

The Department of Chemistry and Biochemistry is one of 16 departments that comprise the Howard College of Arts & Sciences. The candidate may, if desired, participate in teaching core or general education courses.

The University

Founded in 1841, Samford is among the oldest 100 universities in the U.S. It has been at its current location in Homewood, Alabama (a suburb of Birmingham), since 1957. The University currently enrolls approximately 4500 students, including approximately 2800 undergraduates. In addition to bachelor's degrees, the University also offers professional postgraduate degrees in areas such as law, pharmacy, business, divinity, education, environmental management, music, and nursing. Samford also offers special, short-term educational opportunities at overseas locations such as London, Spain, Germany, France, and Costa Rica. Samford values its historic relationship with Alabama Baptists, and its Board of Trustees is self-perpetuating.

The City

Samford is located in the metropolitan area of Birmingham, Alabama, which has a population of about one million. Birmingham is located in the southern foothills of the Appalachian Mountains. The climate is temperate, with warm, humid summers and mild winters. Many recreational and cultural activities are available in and around Birmingham. A large state park, offering hiking, camping, mountain biking, and canoeing, is located within 20 minutes of Samford. An abundance of water-based recreation—rivers, lakes, and the Gulf of Mexico—is available within a few hours drive. Birmingham hosts a minor league baseball team. Cultural attractions include a symphony orchestra, a ballet company, several theatre troupes, an art museum, a science museum, a zoo, and several botanical gardens. Samford participates in a consortium that includes three other liberal arts institutions in the Birmingham area and the University of Alabama in Birmingham to provide educational opportunities to students at each campus that are beyond the resources of any single campus.